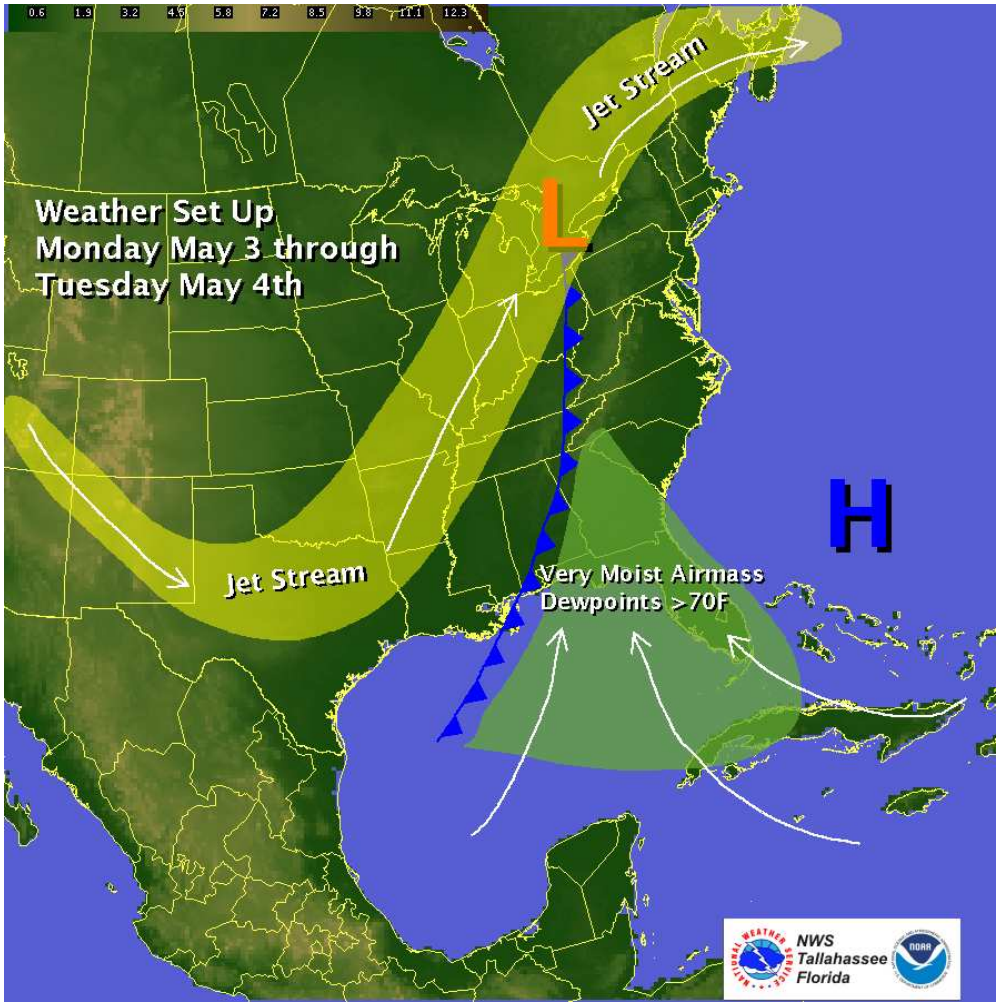
National Weather Service
Tallahassee, Florida

In this update:

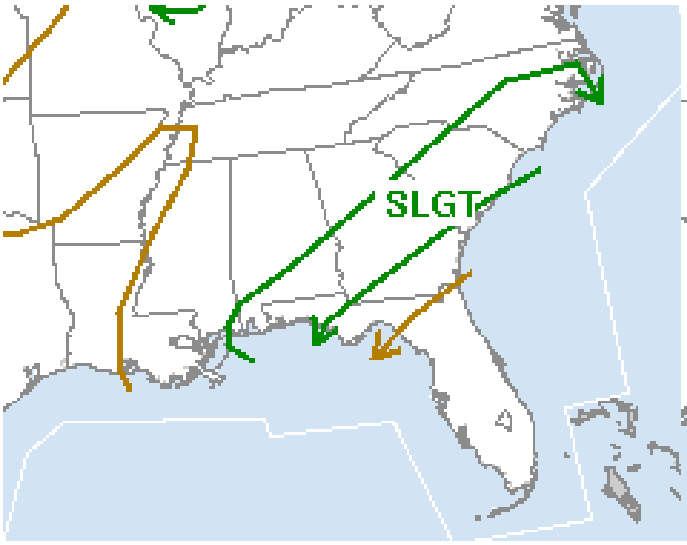
- Heavy rainfall possible starting Monday and continuing into Tuesday evening
- Strong to severe storms possible Monday and Tuesday afternoons.

Overview:

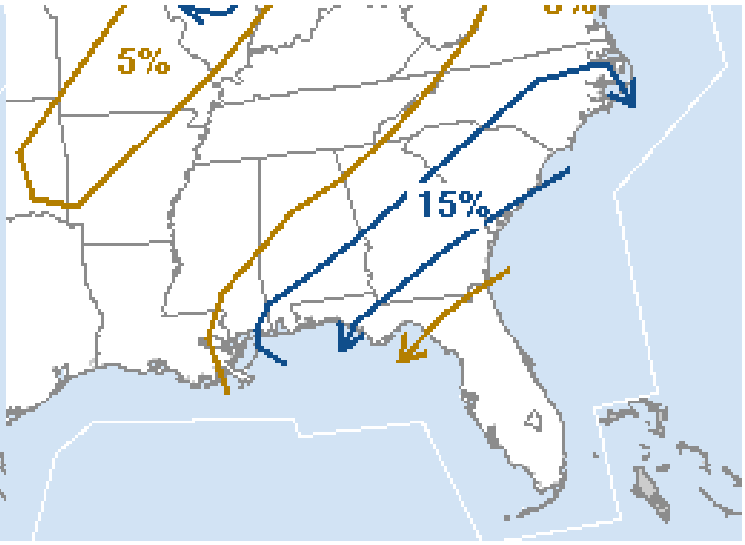


A large ridge of high pressure off the Florida east coast will cause the jet stream to shift northeast into the Great Lakes. This will cause an approaching frontal system to gradually stall across the region on Monday afternoon. Southerly winds ahead of the frontal system will continue to pump in very moist air to the southeast and create an environment favorable for heavy rainfall. Additionally, strong winds aloft will create the potential for strong to severe storms Monday and Tuesday afternoons if enough instability is generated.

Severe Weather Potential:



Monday's Convective Outlook



Probability of Severe Weather

Strong atmospheric winds ahead of an approaching frontal system will create conditions favorable for the development of severe weather. However, abundant cloud cover will limit the overall amount of heating that will take place on Monday. This will limit the available instability and keep the chance for severe weather confined to the afternoon hours. Because winds at all levels of the atmosphere will be from the same direction, the main threat from the storms will be damaging winds.

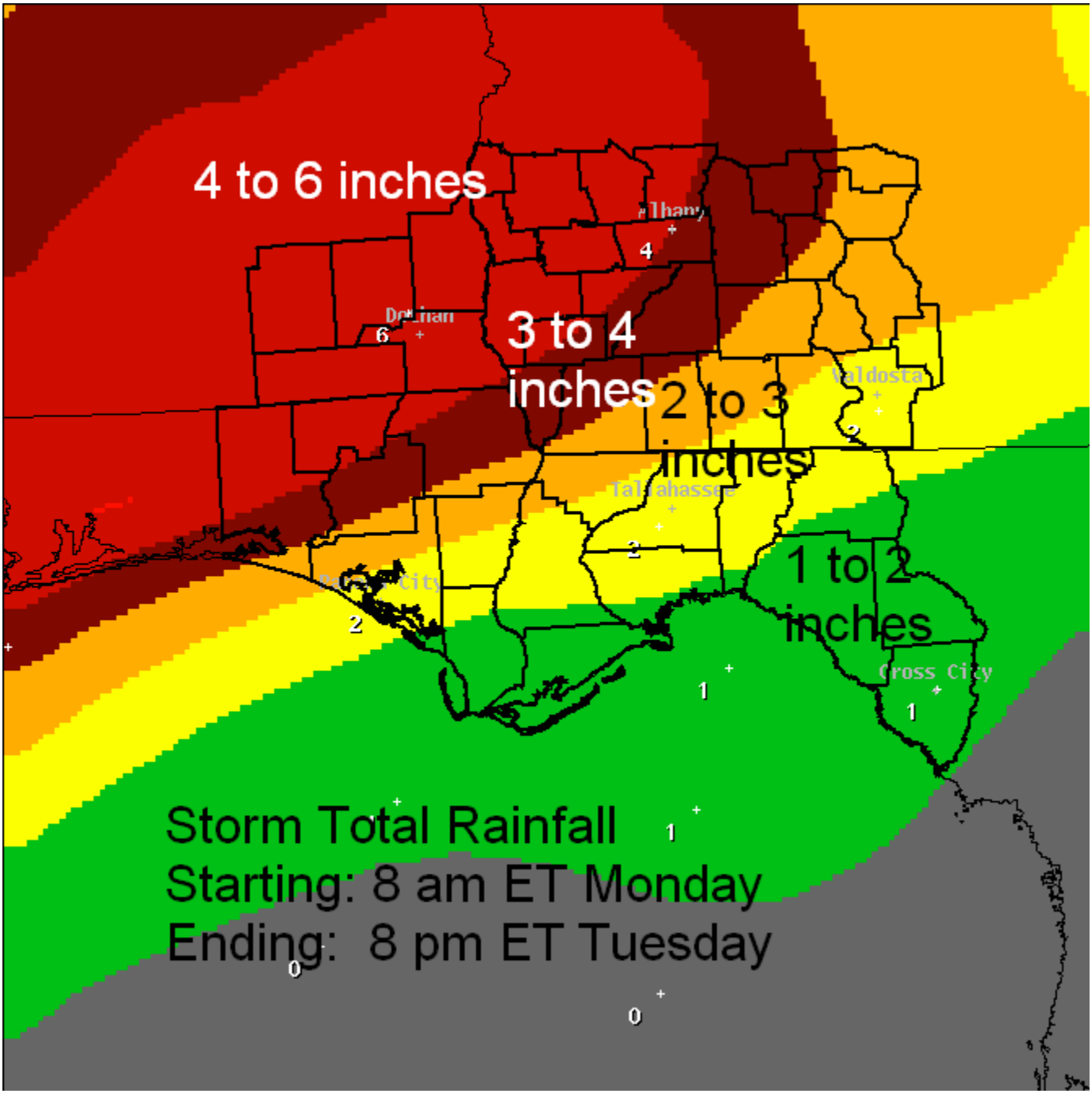
Heavy Rainfall Potential:

Strong southerly flow continues to move a very moist airmass into the southeast. The combination of this moist airmass and a slow moving and eventually stalling frontal boundary will create the right conditions for heavy rainfall over the next couple of days. The heaviest rainfall will be focused primarily across Southeast Alabama and Southwest Georgia, closer to the stalling frontal boundary.

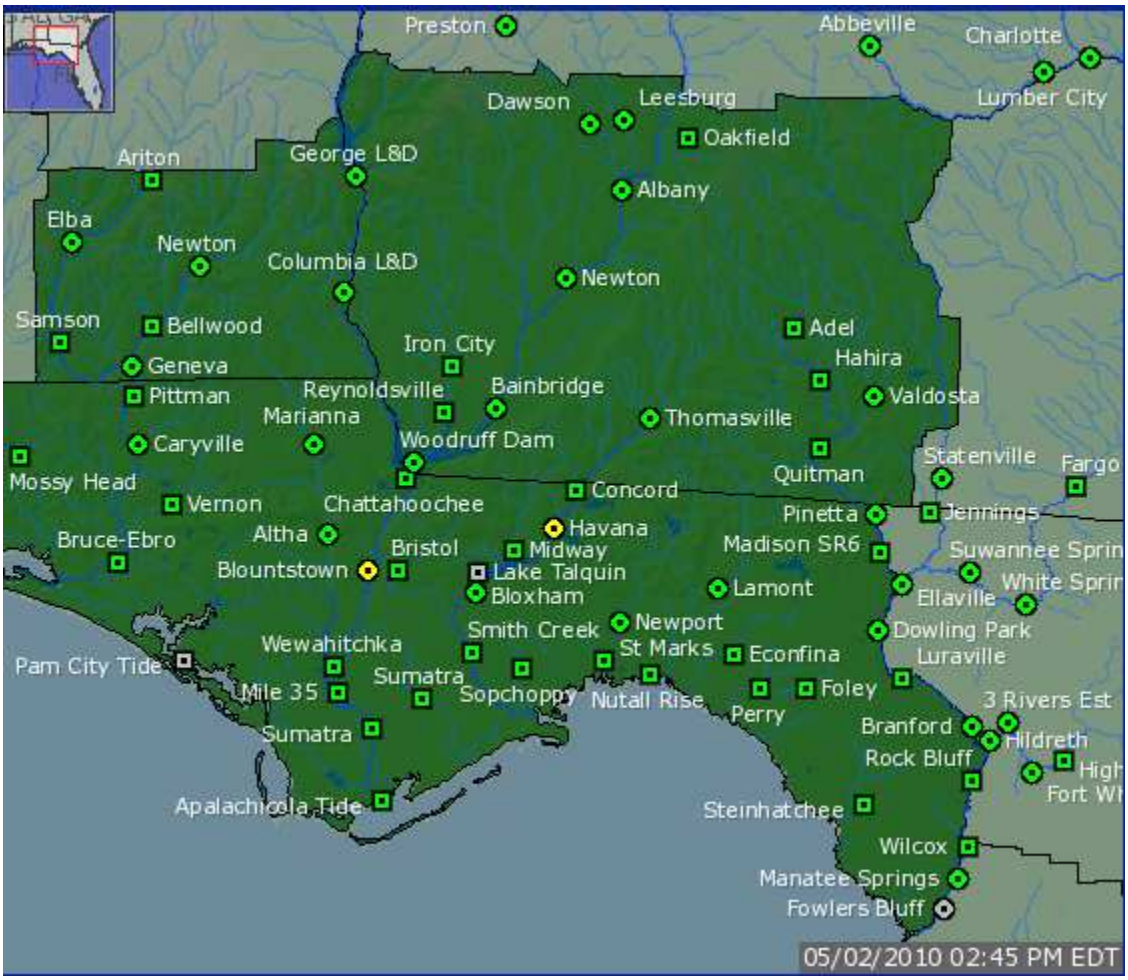
Storm total rainfall amounts could easily approach 4 to 6 inches by Tuesday evening across Southeast Alabama, Southwest Georgia, and the Inland Florida Panhandle with lesser amounts expected south and east. Area rivers are generally near normal stream flow levels, with the exception of the Ochlockonee and Apalachicola basins which are at action levels. This additional rainfall could result in a few river gages in the region rising to minor flood levels, with the primary concerns being the Choctawhatchee, Apalachicola, and Ochlockonee River basins. Note that due to these expected heavy rainfall totals, a Flood Watch has been issued for

all of Southeast Alabama, much of Southwest Georgia and the Inland Florida Panhandle through Tuesday afternoon.

The map below shows our current storm total rainfall forecast through 8 pm ET Tuesday, May 4th.



The map below shows current river conditions across the region:

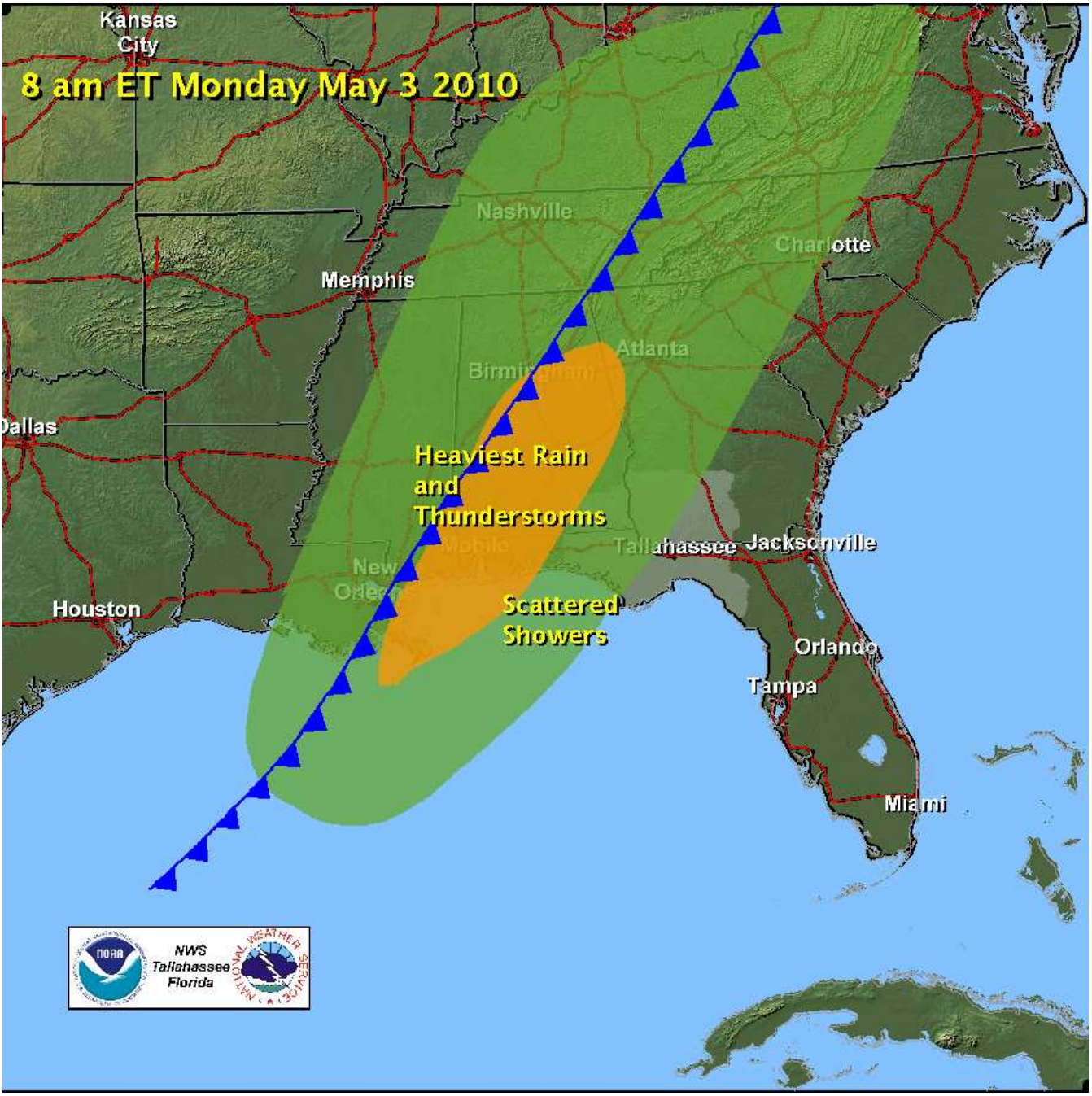


Notice that Blountstown (Apalachicola River) and Havana (Ochlockonee River) are at action stage. For more detail on river conditions, please visit our AHPS page at:

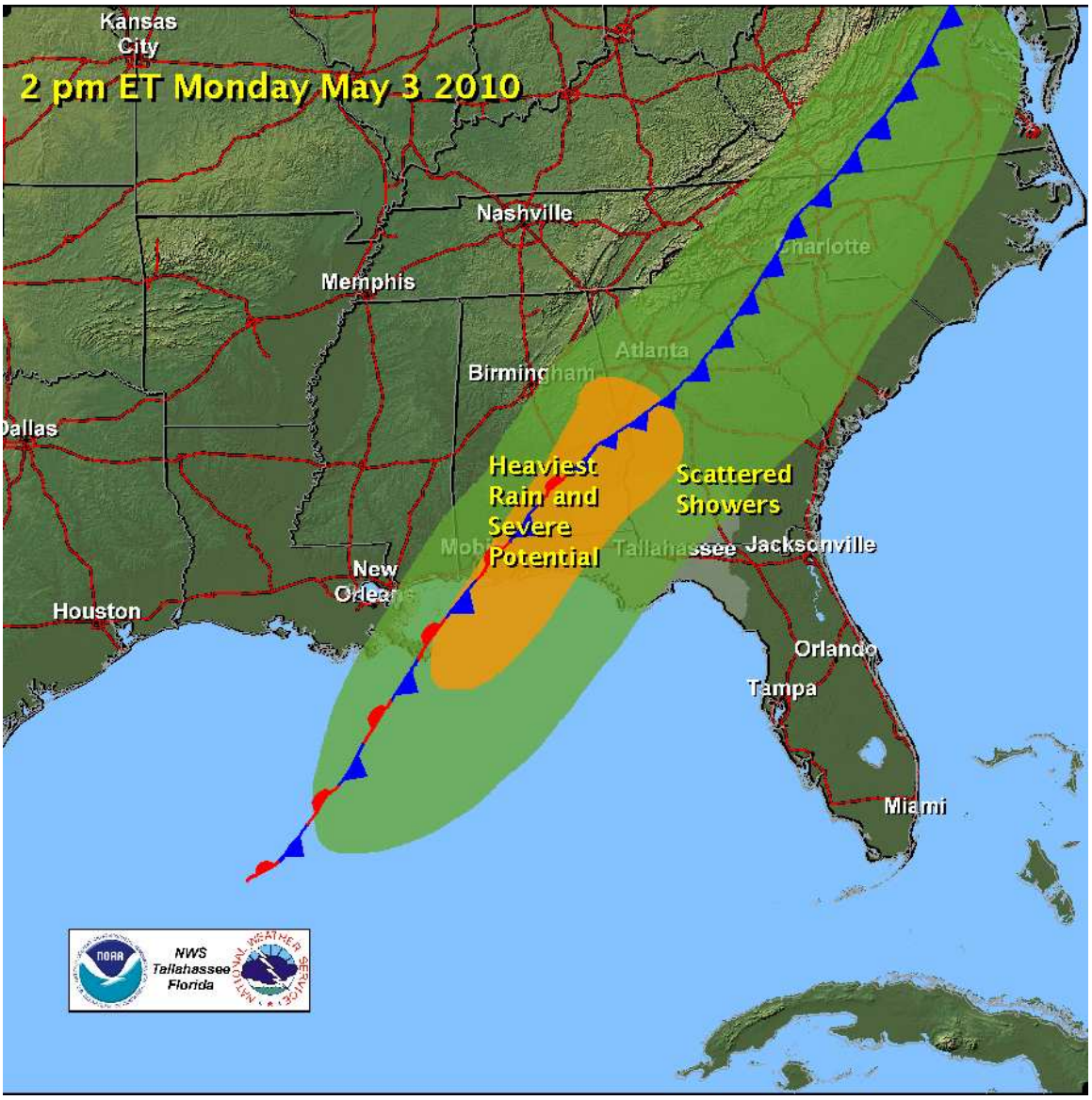
http://water.weather.gov/ahps2/index.php?wfo=tae

Timing of the weather system:

8 am ET Monday:



2 pm ET Monday:



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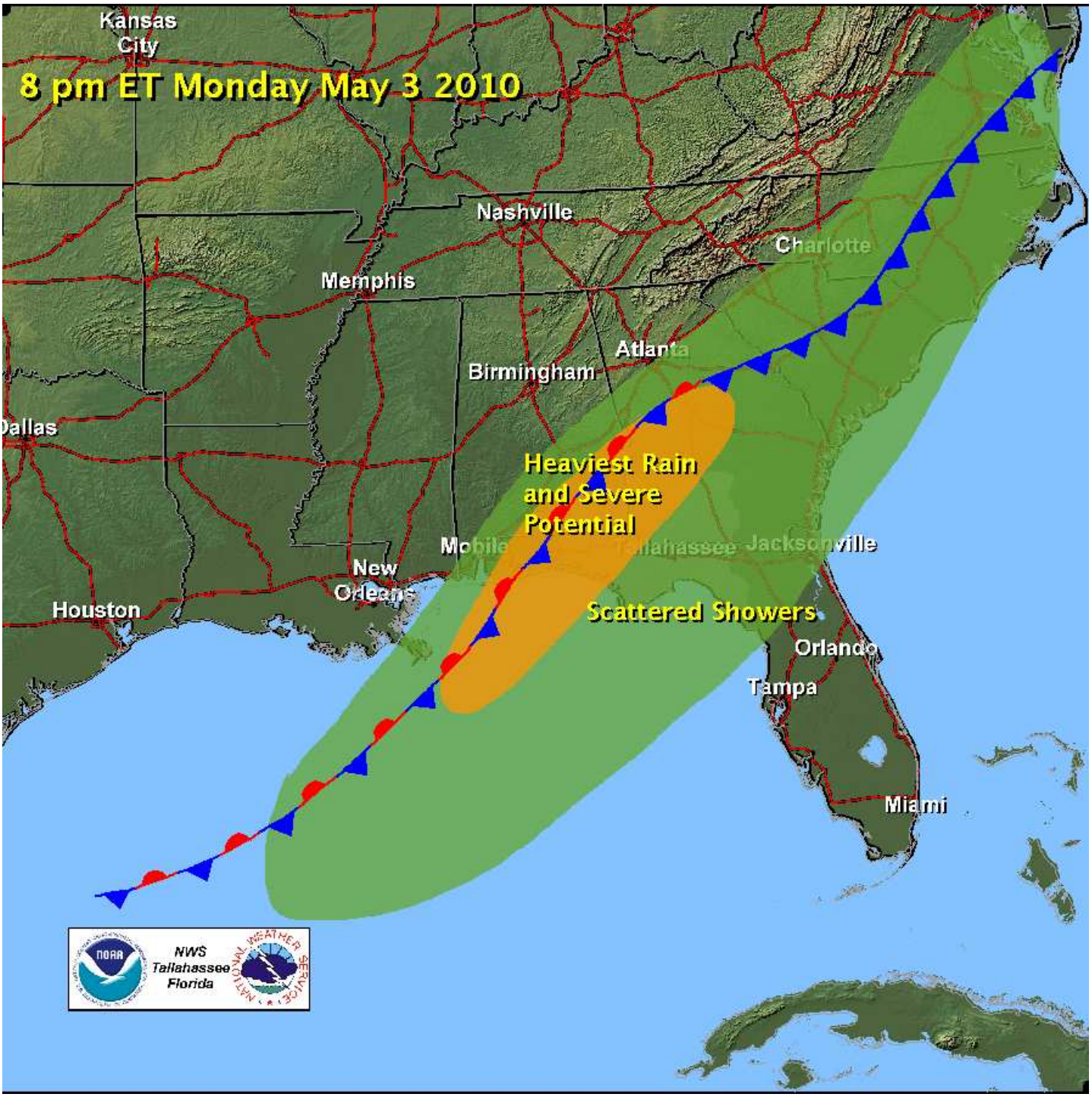
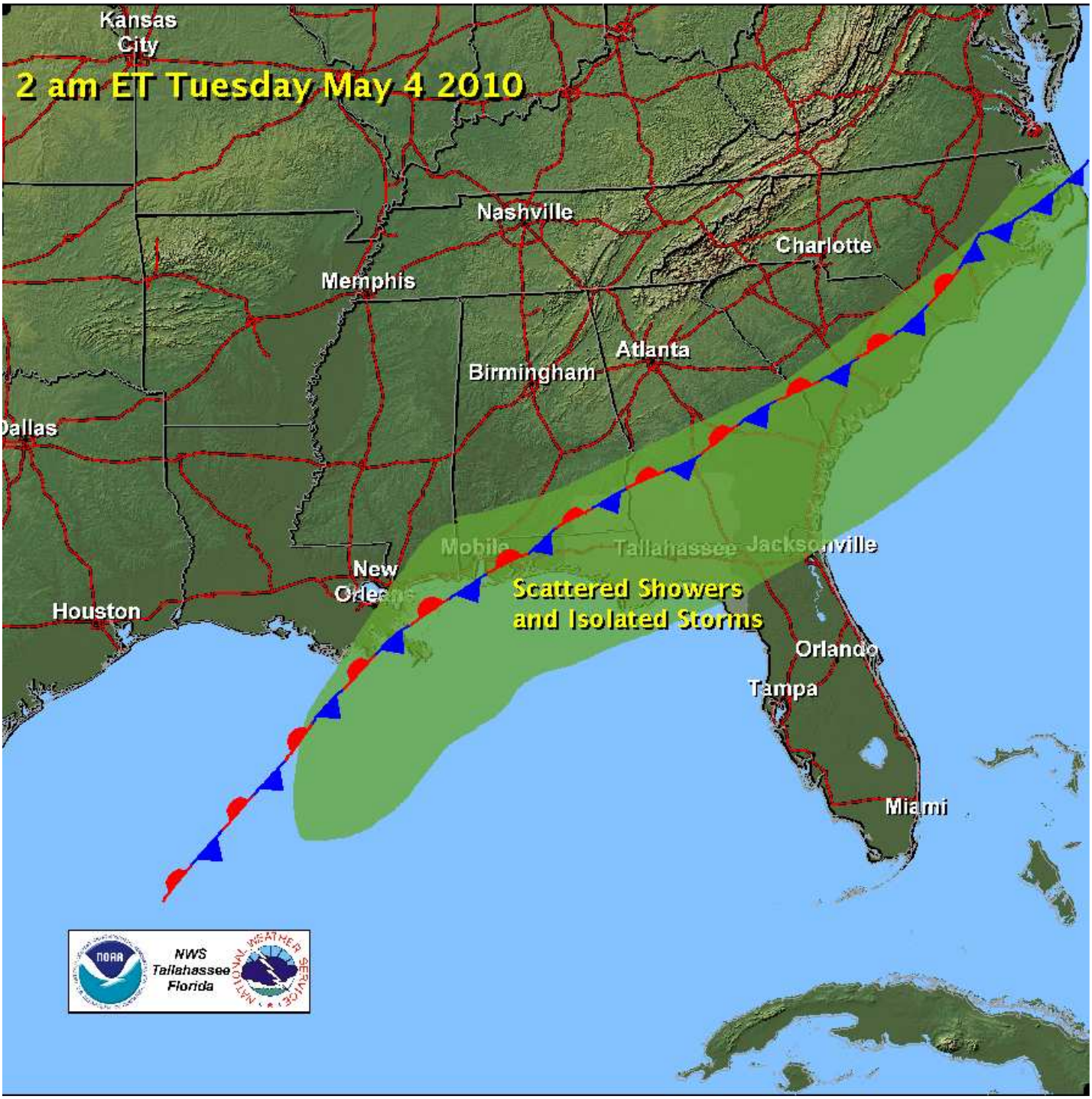


2 am ET Tuesday:



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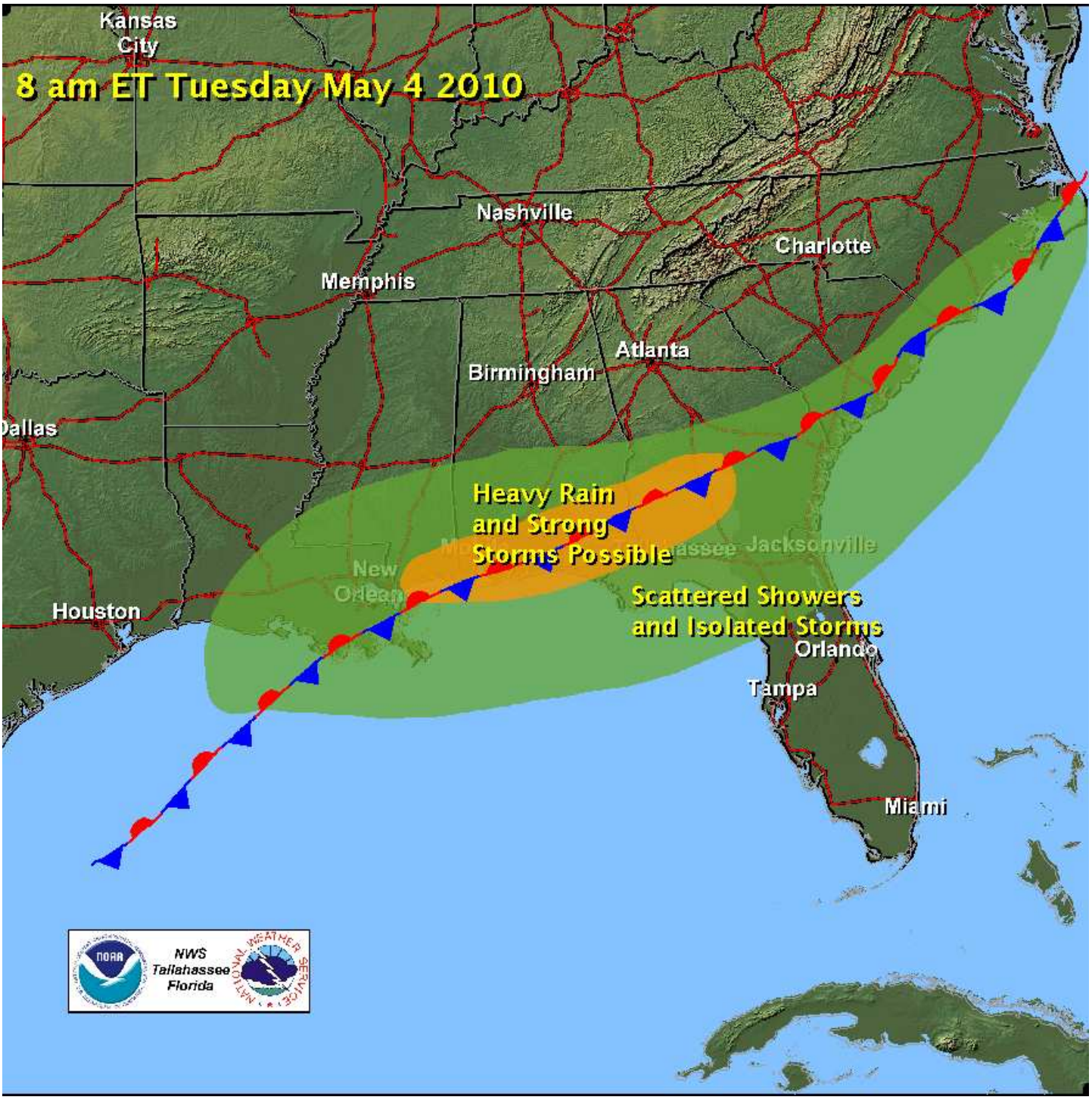

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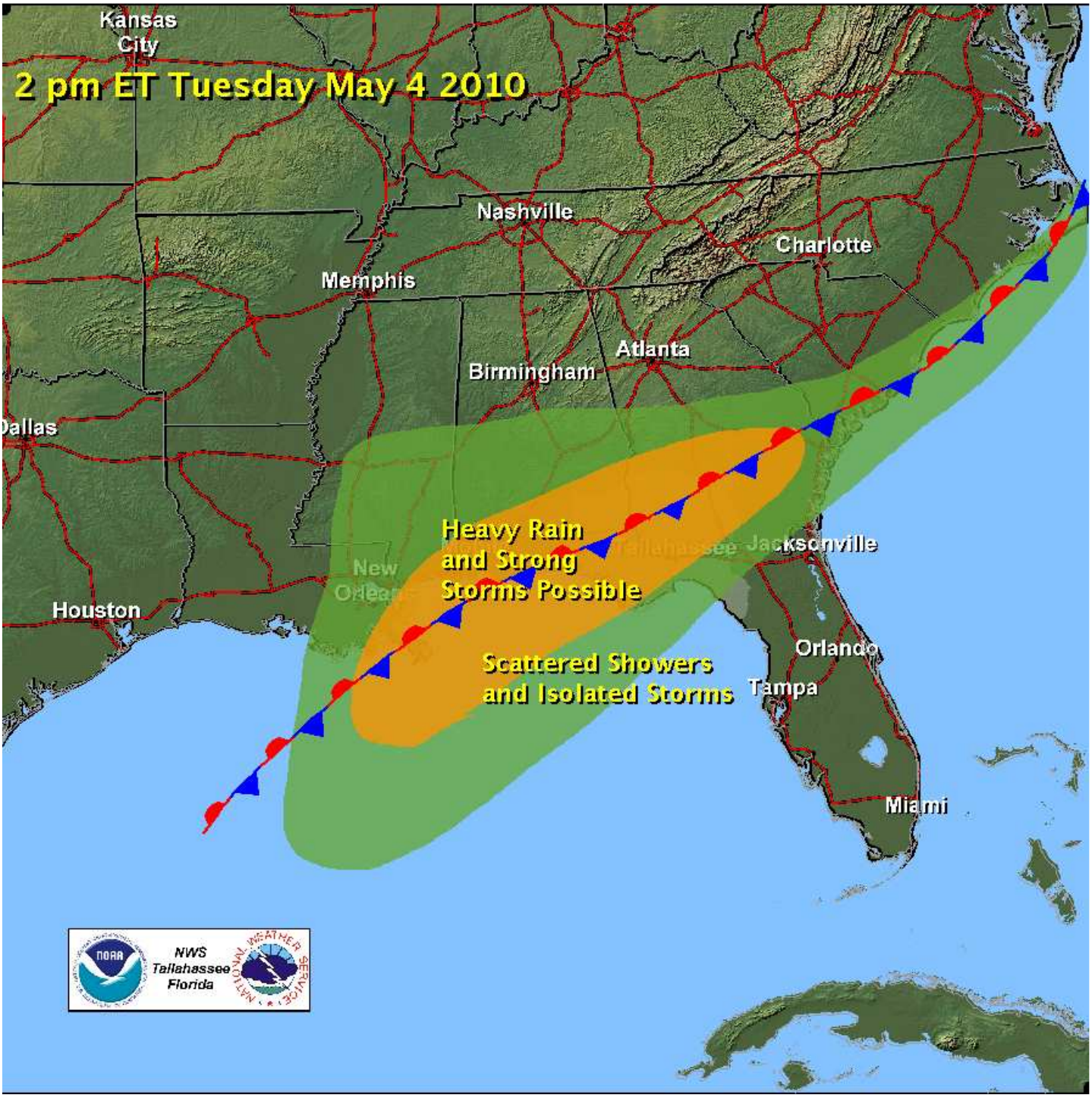

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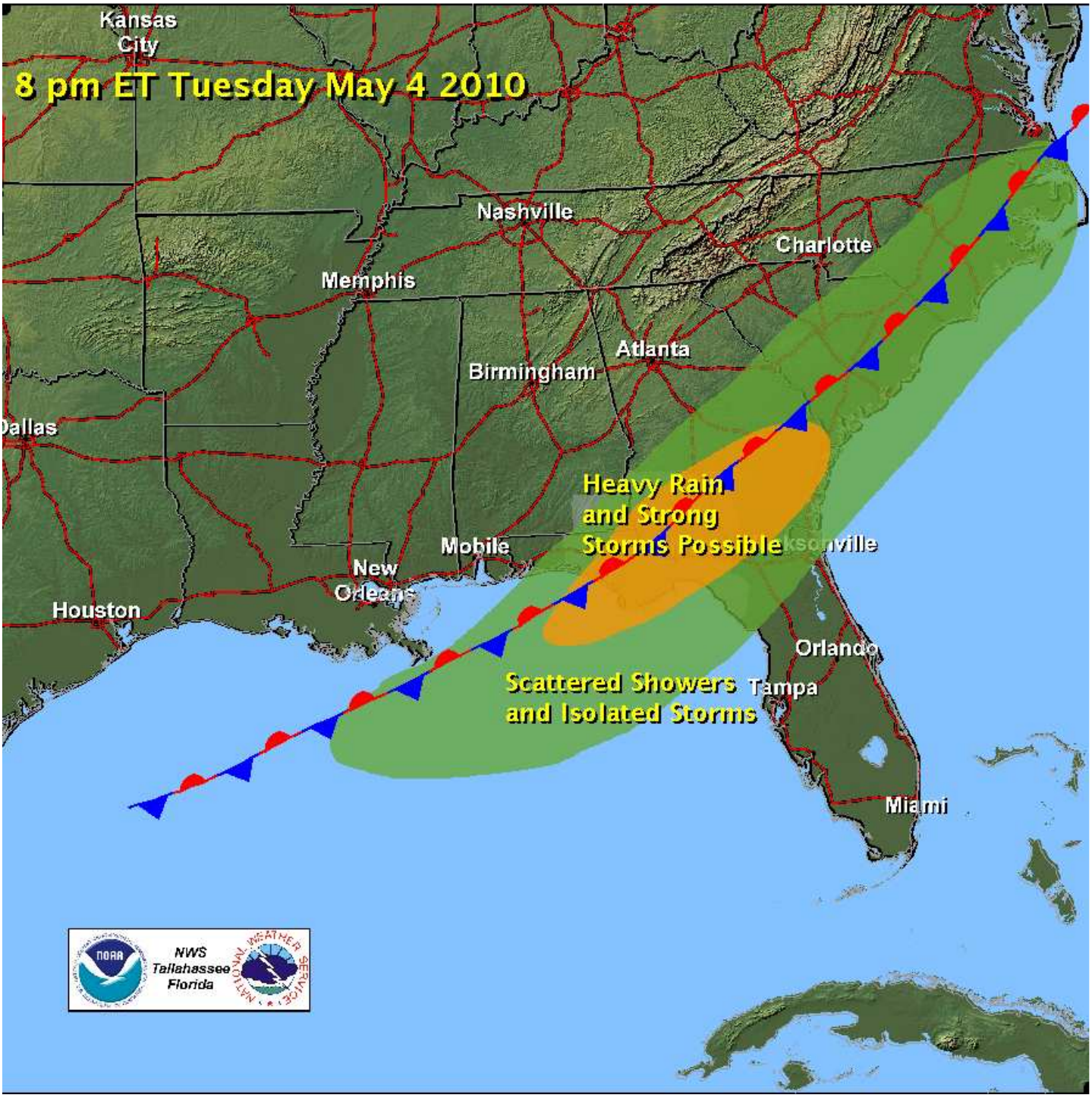

Summary:

** Strong to severe storms are possible Monday and Tuesday afternoons if enough instability develops.

** The main risk with these storms will be damaging winds.

** Heavy rainfall through Tuesday will produce the potential for flooding across the region. Storm total rainfall amounts could approach 4 to 6 inches across portions of Southeast Alabama and Southwest Georgia by Tuesday night.

** A flood watch is in effect for Southeast Alabama...Southwest Georgia...and portions of the Inland Florida Panhandle until Tuesday evening.

The National Weather Service in Tallahassee will continue to monitor this storm's progress over the next couple of days. If you have any questions, please give our office a call at 850-942-8833 or on our toll free line at 800-598-4562 and ask to speak to a meteorologist. We are available 24 hours a day, 7 days a week. You can also reach us on our Southern Linc phone at 1*77*284.